

(37 CFR 1.56, 1.97, and 1.98)C

STATEMENT  
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JUL 08 2002  
PATENT & TRADEMARK OFFICE  
US PATENT

15907-0022

09/728,716

David F. O'Brien et al.

**November 30, 2000**


1615

## US PATENT DOCUMENTS

# FOREIGN PATENT DOCUMENTS

## OTHER DOCUMENTS

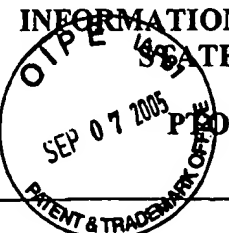


## OTHER DOCUMENTS

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| EXAMINER'S SIGNATURE<br> | DATE CONSIDERED<br>10/19/05 |
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\* If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 USC 120. 37 CFR 1.98(d).

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| <b>INFORMATION DISCLOSURE STATEMENT</b><br>PTO-1449 JUN 14 2005<br>PATENT & TRADEMARK OFFICE |                                                                                                                                                                                                                                                               | ATTY. DOCKET NO.<br>15907-0022 |                          | SERIAL NO.<br>09/728,716 |             |                          |                          |
|                                                                                              |                                                                                                                                                                                                                                                               | APPLICANT O'Brien              |                          |                          |             |                          |                          |
|                                                                                              |                                                                                                                                                                                                                                                               | FILING DATE 11/30/2000         |                          | GROUP: 1615              |             |                          |                          |
| <b>U.S. PATENT DOCUMENTS</b>                                                                 |                                                                                                                                                                                                                                                               |                                |                          |                          |             |                          |                          |
| EXAMINER'S INITIALS                                                                          | PATENT NO.                                                                                                                                                                                                                                                    | DATE                           | NAME                     | CLASS                    | FILING DATE |                          |                          |
|                                                                                              |                                                                                                                                                                                                                                                               |                                |                          |                          |             |                          |                          |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                              |                                                                                                                                                                                                                                                               |                                |                          |                          |             |                          |                          |
| EXAMINER'S INITIALS                                                                          | PATENT NO.                                                                                                                                                                                                                                                    | DATE                           | COUNTRY                  | CLASS                    | SUBCLASS    | TRANSLATION              |                          |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>                |                                                                                                                                                                                                                                                               |                                |                          |                          |             |                          |                          |
| lu                                                                                           | Ellens, H. <i>et al.</i> , "Membrane Fusion and Inverted Phases," <i>Biochemistry</i> , <u>28</u> : 3692-3703 (1989).                                                                                                                                         |                                |                          |                          |             |                          |                          |
| lu                                                                                           | Lamparski, H. <i>et al.</i> , "Thermotropic Properties of Model Membranes Composed of Polymerizable Lipids. 1. Phosphatidylcholines Containing Terminal Acryloyl, Methacryloyl, and Sorbyl Groups," <i>J. Am. Chem. Soc.</i> , <u>115</u> : 8096-8102 (1993). |                                |                          |                          |             |                          |                          |
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| EXAMINER                                                                                     | Kush                                                                                                                                                                                                                                                          |                                | DATE CONSIDERED 10/19/05 |                          |             |                          |                          |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| <b>INFORMATION DISCLOSURE STATEMENT</b><br> |                                                                                                                                                                                    | ATTY. DOCKET NO.<br>15907-0022 |                          | SERIAL NO.<br>09/728,716 |             |                          |                          |
|                                                                                                                              |                                                                                                                                                                                    | APPLICANT O'Brien              |                          |                          |             |                          |                          |
|                                                                                                                              |                                                                                                                                                                                    | FILING DATE 11/30/2000         |                          | GROUP: 1615              |             |                          |                          |
| <b>U.S. PATENT DOCUMENTS</b>                                                                                                 |                                                                                                                                                                                    |                                |                          |                          |             |                          |                          |
| EXAMINER'S INITIALS                                                                                                          | PATENT NO.                                                                                                                                                                         | DATE                           | NAME                     | CLASS                    | FILING DATE |                          |                          |
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| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                              |                                                                                                                                                                                    |                                |                          |                          |             |                          |                          |
| EXAMINER'S INITIALS                                                                                                          | PATENT NO.                                                                                                                                                                         | DATE                           | COUNTRY                  | CLASS                    | SUBCLASS    | TRANSLATION              |                          |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>                                                |                                                                                                                                                                                    |                                |                          |                          |             |                          |                          |
|                                             | Spratt, Tony <i>et al.</i> , "Rapid Release of Liposomal Contents upon Photoinitiated Destablization with UV Exposure," <i>Biochimica et Biophysica Acta</i> , 1611: 35-43 (2003). |                                |                          |                          |             |                          |                          |
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| <b>INFORMATION DISCLOSURE STATEMENT</b><br>AUG 19 2005<br>PTO-1449            |                                                                                                                                                                                                                                  | ATTY. DOCKET NO.       |                         | SERIAL NO.  |             |                          |                          |
|                                                                               |                                                                                                                                                                                                                                  | 15907-0022             |                         | 09/728,716  |             |                          |                          |
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| <b>FOREIGN PATENT DOCUMENTS</b>                                               |                                                                                                                                                                                                                                  |                        |                         |             |             |                          |                          |
| EXAMINER'S INITIALS                                                           | PATENT NO.                                                                                                                                                                                                                       | DATE                   | COUNTRY                 | CLASS       | SUBCLASS    | TRANSLATION              |                          |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b> |                                                                                                                                                                                                                                  |                        |                         |             |             |                          |                          |
| lu                                                                            | Bristow, R.G. and Hill, R.P., "Molecular and Cellular Basis of Radiotherapy," <i>The Basic Science of Oncology</i> , 3 <sup>rd</sup> Ed., 295-300 (1998).                                                                        |                        |                         |             |             |                          |                          |
|                                                                               | Kong, G. <i>et al.</i> , "Efficacy of Liposomes and Hyperthermia in a Human Tumor Xenograft Model: Importance of Triggered Drug Release," <i>Cancer Research</i> , 60: 6950-6957 (2000).                                         |                        |                         |             |             |                          |                          |
|                                                                               | Matsumoto, A. <i>et al.</i> , "Solid-State Photopolymerization of Octadecyl Sorbate to Yield an Alternating Copolymer with Oxygen," <i>Macromol. Chem. Phys.</i> , 199: 2511-2516 (1998).                                        |                        |                         |             |             |                          |                          |
|                                                                               | Hosoi, F. <i>et al.</i> , "Radiation-Induced Polymerization of Unsaturated Phospholipid Mixtures for the Synthesis of Artificial Red Cells," <i>Nuclear Instruments and Methods in Physics Research B</i> , 131: 329-334 (1997). |                        |                         |             |             |                          |                          |
| lu                                                                            | Tsuchida, E. <i>et al.</i> , "Polymerization of Unsaturated Phospholipids as Large Unilamellar Liposomes at Low Temperature," <i>Macromolecules</i> , 25: 207-212 (1992).                                                        |                        |                         |             |             |                          |                          |
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| EXAMINER                                                                      | Kude                                                                                                                                                                                                                             |                        | DATE CONSIDERED 8/30/08 |             |             |                          |                          |

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